

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Currently Amended) An improved font, for an electrostatographic system comprising:

a halftone cell including a plurality of original pixels; and

at least one auxiliary pixel substituting for one of the plurality of original pixels of the halftone cell to improve edge displacement or halo problems in the printing of the halftone cell.

2. (Original) The improved halftone of claim 1, wherein the auxiliary pixel comprises a "black" auxiliary pixel.

3. (Original) The improved halftone of claim 1, wherein the auxiliary pixel comprises a "white" auxiliary pixel.

4. (Original) The improved halftone of claim 1, wherein the halftone cell is a clustered dot type.

5. (Original) The improved halftone of claim 1, wherein the halftone cell is a dispersed dot type.

6. (Original) The improved halftone of claim 4, wherein the clustered cell is a compact dot type.

7. (Original) The improved halftone of claim 4, wherein the clustered cell is a spiral-dot type.

8. (Original) The improved halftone of claim 1, wherein the halftone cell is a stochastic type.

9. (Currently Amended) A method for improving the printing of an image in an electrostatographic system, said method comprising:

receiving a source image comprising original pixel data; and

processing the source image original pixel data with a halftone cell comprising embedded auxiliary pixels therein to improve edge displacement or halo problems in the printing of the image.

10. (Previously Presented) The method for improving the printing of an electrostatic image of claim 9, wherein the step of processing includes using halftone cells of a cluster dot type.

11. (Previously Presented) The method for improving the printing of an electrostatic image of claim 9, wherein the step of processing includes using halftone cells of a dispersed dot type.

12. (Previously Presented) The method for improving the printing of an electrostatic image of claim 9, wherein the step of processing includes using halftone cells of a stochastic type.

13. (Currently Amended) In a digital imaging system, a method for optimizing a rendition of a document image for an electrostatographic system, comprising:

receiving a representation of the document image; and

processing the document image to form a halftone image with a halftone cell comprising embedded auxiliary pixels to improve the rendition of the document image.

14. (Original) The digital imaging system of claim 13, wherein the step of processing comprises forming the halftone image using a processing system including a digital front end.

15. (Previously Presented) The digital imaging system of claim 14, wherein the step of forming uses a cluster dot type halftone cell.

16. (Previously Presented) The digital imaging system of claim 14, wherein the step of forming uses a dispersed dot type halftone cell.

17. (Previously Presented) The digital imaging system of claim 14, wherein the step of forming uses a stochastic type halftone cell.